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OM nucleic - nucleic search, using sw model

Run on: January 18, 2006, 21:27:55 ; Search time 286 Seconds
(without alignments)
8558.400 Million cell updates/sec

Title: US-10-811-170-1
Perfect score: 1377
Sequence: 1 atggctcagctactgggacac.....ccctgtctcgggtaaatga 1377

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:**
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7: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*
8: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
9: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1377	100.0	1377	3	US-09-773-877B-25
2	1328.4	96.5	1453	3	US-09-773-877B-21
3	1049.2	76.2	1444	3	US-09-773-877B-23
4	1039	75.5	1359	3	US-09-773-877B-15
5	1032.4	75.0	1389	3	US-09-773-877B-17
6	987.4	71.7	1674	3	US-09-773-877B-13
7	982.4	71.3	1704	3	US-09-773-877B-19
8	980.8	71.2	1704	3	US-09-773-877B-11
9	685	49.8	2043	3	US-08-227-496C-14
10	684	49.7	705	3	US-09-023-655-1223
11	684	49.7	1019	3	US-09-178-869-1
12	684	49.7	1019	3	US-09-761-413-1
13	684	49.7	1182	3	US-09-180-100-18
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25	684	49.7	1431	3	US-08-487-550-11	Sequence 11, Appl
26	684	49.7	1431	3	US-09-526-098-3	Sequence 3, Appl
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28	684	49.7	1431	3	US-09-383-916-3	Sequence 3, Appl
29	684	49.7	1431	3	US-09-383-916-11	Sequence 11, Appl
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31	684	49.7	1431	3	US-09-758-173-11	Sequence 11, Appl
32	684	49.7	1431	3	US-09-576-424-3	Sequence 3, Appl
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39	684	49.7	1458	3	US-08-030-175-6	Sequence 6, Appl
40	684	49.7	1458	3	US-08-030-175-7	Sequence 7, Appl
41	684	49.7	1467	3	US-08-030-175-5	Sequence 5, Appl
42	684	49.7	1494	3	US-09-499-846-5	Sequence 5, Appl
43	684	49.7	1578	3	US-09-499-846-3	Sequence 3, Appl
44	684	49.7	1599	3	US-09-023-655-1120	Sequence 1120, Ap
45	684	49.7	1617	2	US-08-378-939-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-09-773-877B-25
; Sequence 25, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2.FcdeltaC1(a) Receptor
; NAME/KEY: CDS
; LOCATION: (1)..(1377)
US-09-773-877B-25

Query Match	100.0%	Score 1377;	DB 3;	Length 1377;
Best Local Similarity	100.0%;	Pred. No. 0;		
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QY	1	ATGGTCAGCTACTGGGACACCGGGGTCCTGTGTGGCGGCTGCTAGCTGTCTGCTTCTC	60	
DB	1	ATGGTCAGCTACTGGGACACCGGGGTCCTGTGTGGCGGCTGCTAGCTGTCTGCTTCTC	60	
QY	61	ACAGGATCTAGTTCGCGGAAGTGATACCGGTAGACCTTTCTGTAGAGATGTACAGTGAATC	120	
DB	61	ACAGGATCTAGTTCGCGGAAGTGATACCGGTAGACCTTTCTGTAGAGATGTACAGTGAATC	120	
QY	121	CCCGAAATATATACATGACTGAAGGAAGGAGCTCGTCAATCCCTGCCGGGTACGTCA	180	
DB	121	CCCGAAATATATACATGACTGAAGGAAGGAGCTCGTCAATCCCTGCCGGGTACGTCA	180	
QY	181	CCTAAATCATCTGTCTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGAAAA	240	
DB	181	CCTAAATCATCTGTCTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGAAAA	240	
QY	241	CGCATATCTGGGACAGTAGAAGGCTTCATCATATCAATCAAGTCAAGTCAAGAAATA	300	
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QY	301	GGGCTTCTGACCTGTGGAAGCAACAGTCAATGGGCAATTTGTATAGACAAACTATCTCACA	360	

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Db 301 GGGCTTCGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAGACAAACTATCTCACA 360
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Qy 421 TCTGTTGAGAGAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACCTAAATGTGGGATT 480
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Db 721 CCAGCACCTGAACTCTCGGGGGACCGTCACTCTTCTTCCGCCCAAAACCAAGGAC 780
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US-09-773-877B-21
; Sequence 21, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 1453
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1D2.Pk1d3.FcdeltaC1(a)Receptor
; NAME/KEY: CDS
; LOCATION: (69)..(1442)
US-09-773-877B-21
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Query Match 96.5%; Score 1328.4; DB 3; Length 1453;
Best Local Similarity 98.6%; Pred. No. 0;
Matches 1367; Conservative 0; Mismatches 1; Indels 18; Gaps 2;
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Qy 1372 AAATGA 1377
Db 1440 AAATGA 1445
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RESULT 3
US-09-773-877B-23
; Sequence 23, Application US/09773877B
; Patent No. 683349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 1444
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: F01D2.VEGFR3D3.FcdeltaCi(a) Receptor
; NAME/KEY: CDS
; LOCATION: (69)..(1436)
US-09-773-877B-23
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Query Match 76.2%; Score 1049.2; DB 3; Length 1444;
Best Local Similarity 86.7%; Pred. No. 1.3e-266;

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Qy 61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTTCGTAGAGATGTACAGTGAATC 120
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Db 240 CCTAAACATCACTGTTACTTTTAAAGAGTTCCTGACACTTTTGGATCCCTGATGGAAAA 299
Qy 241 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAAAATGCAAGTCAAAAGAAATA 300
Db 300 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAAAATGCAAGTCAAAAGAAATA 359
Qy 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATTAAGACAAACTATCTACA 360
Db 360 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATTAAGACAAACTATCTACA 419
Qy 361 CATCGACAAACCAATCAATCATAGATGTTGGTCTGAGTCCGTCTCATGGAAATGAACTA 420
Db 420 CATCGACAAACCAATCAATCATAGATGTTGGTCTGAGTCCGTCTCATGGAAATGAACTA 479
Qy 421 TCTGTTCCGAGAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGATT 480
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Db 540 ACCTTTGACTGGGACTACCCAGGGAAGCAGCAGCGGGTAAAGTGGGTCCCGGAGCGA 599
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Db 831 CCAAGGACACCTCTCATGATCTCCCGGACCCCTGAGGTCAATGCTGGTGGTGGAGCGTG 890
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Qy 892 GCCAAGACAAAGCCCGGAGGAGGAGTGAACAGCAGCTACCGTGGTGGTGGAGGTCTC 951
Db 951 GCCAAGACAAAGCCCGGAGGAGGAGTGAACAGCAGCTACCGTGGTGGTGGAGGTCTC 1010
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Db 1011 ACCTGCTCTGCAACGAGGAGTGGTGAATGGCAAGAGTGAACAGTCAAGGTCTCCAAACAAA 1070
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Db 1251 CCGAGAACACTAACAAGACACGCCCTCCCGTGTGAGCTCCGACGGCTCCTTCTCCCTC 1310
QY 1252 TACAGCAAGCTCACCGTGGACAGAGCAGGTGGGAGCAGGGGACGTTCTCATGCTCC 1311
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QY 1372 AATGA 1377
Db 1431 AATGA 1436
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RESULT 4

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US-09-773-877B-15
; Sequence 15, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 1359
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(2-3 delta)-Fc (Mut2)
; NAME/KEY: CDS
; LOCATION: (1)..(1359)
US-09-773-877B-15
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Query Match 75.5%; Score 1039; DB 3; Length 1359;
Best Local Similarity 86.3%; Pred. No. 6.2e-264;
Matches 1189; Conservative 0; Mismatches 170; Indels 18; Gaps 3;

QY 1 ATGCTCAGCTACTGGGACACCGGGGCTCTGCTGTGCGCGTGTCTCAGCTGTCTGCTTCTC 60
Db 1 ATGCTCAGCTACTGGGACACCGGGGCTCTGCTGTGCGCGTGTCTCAGCTGTCTGCTTCTC 60

QY 61 ACAGGATCTAGTTCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC 120
Db 61 ACAGGATCTAGTTCGGA-----GGTAGACCTTTCGTAGAGATGTACAGTGAATC 111

QY 121 CCCGAATATTATACATGACTGAAGGAAGGAGCTCGTCAATTCCTGCGGGTTAGGTCA 180
Db 112 CCCGAATATTATACATGACTGAAGGAAGGAGCTCGTCAATTCCTGCGGGTTAGGTCA 171

QY 181 CCTAACAATCACTGTTACTTTAAAGGTTTCCACTTGACACTTTGATCCCTGTGGAATA 240
Db 172 CCTAACAATCACTGTTACTTTAAAGGTTTCCACTTGACACTTTGATCCCTGTGGAATA 231

QY 241 CGCATATCTGGNACAGTAGAAGGGCTTTCATCATATCAATGCAAGGTACAAAGAAATA 300
Db 232 CGCATATCTGGNACAGTAGAAGGGCTTTCATCATATCAATGCAAGGTACAAAGAAATA 291

QY 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTACA 360
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RESULT 5

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Db 292 GGGCTTCTGACCTGTGAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTACA 351
QY 361 CATCGCAAAACCAATACAATCATAGATGTGGTTCTGAGTCCGCTCTCATGGAAATGAACATA 420
Db 352 CATCGCAAAACCAATACAATCATAGATGTCCAAATTAAGCACACCAACGCCAGTCAAAATTA 411
QY 421 TCTGTTGGAGAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAATAAATGTGGGATTT 480
Db 412 CTTTAGAGGCCATATCTCTGTCTCAATTTGTACTGTACCACTCCCTCTTGAACACAGAGATTT 471
QY 481 GACTTCAACTCTGGGAATACCCCTTCTCGAAGCATCAGCATAAAGAACTTGTAAACCCGAGAC 540
Db 472 CAATGACCTGGAGTTACCTGTATGAATTTGACCAAGCAATTTCCATGCAACATATTC 531
QY 541 CTAAGAACCCAGTCTCGGAGTGAGATGAAGAAATTTTGTGAGCACCTTAACTATAGATGGT 600
Db 532 TACAGTGTCTTACTATTGACAAATTCAGAAACAAAGACAAAGGACTTTTATATCTTGTCTGT 591
QY 601 GTAAACCGGAGTGACCAAGGATTTGTACCTGTGAGCATCCAGTGGGCTGTATGCCAAG 660
Db 592 GTAA---GGAGTGGACCATATTTCAAATCTGTTTAAACACCTC-----AGTGCATATATAT 642
QY 661 AAGAACAGCACATTTGTGAGGGTCCATGAAAGGACAAAACTCACACATGCCCCACCGTGC 720
Db 643 GATTAAGCAGGCCCGGGGAGCCCAATCTTTGTGACAAAACTCACACATGCCCCACCGTGC 702
QY 721 CCAGCACCTGAACCTCTCGGGGAGCCGTCACTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 780
Db 703 CCAGCACCTGAACCTCTCGGGGAGCCGTCACTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 762
QY 781 ACCCTCATGATCTCCCGGACCCCTGAGGTCAATGCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 840
Db 763 ACCCTCATGATCTCCCGGACCCCTGAGGTCAATGCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 822
QY 841 GACCTCTGAGTCAAGTTCAACTGCTGAGTGGACGGGTGTGAGTGCATTAATGCAAGACA 900
Db 823 GACCTCTGAGTCAAGTTCAACTGCTGAGTGGACGGGTGTGAGTGCATTAATGCAAGACA 882
QY 901 AAGCCCGGAGGAGCAGTCAACACACGTAACCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 960
Db 883 AAGCCCGGAGGAGCAGTCAACACACGTAACCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 942
QY 961 CACCGAGCTGTGCTGAATGCGAAGGAGTACAGTGTCAAGGTCTCCAAAGACCCCTCCCA 1020
Db 943 CACCGAGCTGTGCTGAATGCGAAGGAGTACAGTGTCAAGGTCTCCAAAGACCCCTCCCA 1002
QY 1021 GCGCCCATCGAGAAACCATCTCCAAGGCAAGGGCAGCCCGAGAACCCACAGGTGTAC 1080
Db 1003 GCGCCCATCGAGAAACCATCTCCAAGGCAAGGGCAGCCCGAGAACCCACAGGTGTAC 1062
QY 1081 ACCCTGCCCCCATCCCGGATGAGTGAACAAAGAACCCAGGTCAAGCTGTGTGTGTGTGTGTGTGTGTGT 1140
Db 1063 ACCCTGCCCCCATCCCGGATGAGTGAACAAAGAACCCAGGTCAAGCTGTGTGTGTGTGTGTGTGTGTGT 1122
QY 1141 AAGGCTTCTATCCAGCACATCGCCGTGGAGTGGAGAGCAATGGGACCCGAGAAC 1200
Db 1123 AAGGCTTCTATCCAGCACATCGCCGTGGAGTGGAGAGCAATGGGACCCGAGAAC 1182
QY 1201 AACTCAAGAACCAACGCTCCCGTGTGGACTCCGAGGGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1260
Db 1183 AACTCAAGAACCAACGCTCCCGTGTGGACTCCGAGGGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1242
QY 1261 CTCACCGTGGACAGCAGGTGGACAGAGGGGAAAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1320
Db 1243 CTCACCGTGGACAGCAGGTGGACAGAGGGGAAAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1302
QY 1321 GAGGCTTCTGCAACCACTACAGCGAGAGAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1377
Db 1303 GAGGCTTCTGCAACCACTACAGCGAGAGAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1359
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Matches 1119; Conservative 0; Mismatches 171; Indels 9; Gaps 2;

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Qy 79 AGTGATACCGGTAGACCTTTTCGTAGAGATGACGTGAATCCCGAAATTTATACATG 138
Db |||||
Qy 385 AGTGATACCGGTAGACCTTTTCGTAGAGATGACGTGAATCCCGAAATTTATACATG 444
Db |||||
Qy 139 ACTGAAGGAGGAGCTCGTCACTTCCCTGCCGGGTACGTCACCATCAATCATCTGTACT 198
Db |||||
Qy 445 ACTGAAGGAGGAGCTCGTCACTTCCCTGCCGGGTACGTCACCATCAATCATCTGTACT 504
Db |||||
Qy 199 TTAATAAAGTTTCCACTTTGACACTTTGATCCCTGATGGAACCCGATTAATCTGGGACAGT 258
Db |||||
Qy 505 TTAATAAAGTTTCCACTTTGACACTTTGATCCCTGATGGAACCCGATTAATCTGGGACAGT 564
Db |||||
Qy 259 AGAAGGGCTTCATCATATCAAAATGCAACGTAACAAAGAAATAGGGCTTCTGACCTGTGAA 318
Db |||||
Qy 565 AGAAGGGCTTCATCATATCAAAATGCAACGTAACAAAGAAATAGGGCTTCTGACCTGTGAA 624
Db |||||
Qy 319 GCAACAGTCAATGGGCAATTTGTATAAGCAACAACTATCTCACATCGCAACCAATACA 378
Db |||||
Qy 625 GCAACAGTCAATGGGCAATTTGTATAAGCAACAACTATCTCACATCGCAACCAATACA 684
Db |||||
Qy 379 ATCATAGATGGGTCTGAGTCCGTCTCATGGAATTCGAATCTATCTGTGGAGAAAGCTT 438
Db |||||
Qy 685 ATCATAGATGGGTCCAAATAAGCACACGACCGCCAGTCAATTAATCTTAGAGGCCATCTT 744
Db |||||
Qy 439 GTCTTAATTTGACAGCAAGAACTGAACTAAATGTGGGATTTGACTTCAACTGGGAATAC 498
Db |||||
Qy 745 GTCTCAATTTGACTGCTACCACTCCCTTGAACACGAGAGTTCAATGACCTGGAGTTAC 804
Db |||||
Qy 499 CCTTCTCGAAGCATCAGCATAGAAACTTGTAAACGAGACCTTAAACCCAGTCTGGG 558
Db |||||
Qy 805 CCTGATGAATTTGACCAAGACAAAGGACTTTATCTTGTCTGTAA---GGAGTGGACCA 864
Db |||||
Qy 559 AGTGAGATGAAGAAATTTTGGACACCTTAACTATAGATGTGTAAACCGGAGTGACCAA 618
Db |||||
Qy 865 GACAAATGCAGAACAAAGACAAAGGACTTTATCTTGTCTGTAA---GGAGTGGACCA 921
Db |||||
Qy 619 GGATTTACACCTGTGAGCATTCAGTGGGCTGATGACCAAGAAAGACAGACATTTGTC 678
Db |||||
Qy 922 TCATTCAATCTGTTAAACCTC-----AGTGATATATATGATAAAGCAGGCCCGGC 975
Db |||||
Qy 679 AGGTTCATGAAAGGACAAACTCACACATGCCCGCCGCGCCAGCACCTGAACTCCTG 738
Db |||||
Qy 976 GAGCCCAATCTTGTGAACAAACTCACACATGCCCGCCGCGCCAGCACCTGAACTCCTG 1035
Db |||||
Qy 739 GGGGACCGTCACTTCTTCTTCCCGCCAAACCCCAAGGACACCTCATGATCTCCCGG 798
Db |||||
Qy 1036 GGGGACCGTCACTTCTTCTTCCCGCCAAACCCCAAGGACACCTCATGATCTCCCGG 1095
Db |||||
Qy 799 ACCCTGAGGTCAATCGGTGGTGGAGCGTGAGCCACGAAAGACCTTGAGGTCAAGTTC 858
Db |||||
Qy 1096 ACCCTGAGGTCAATCGGTGGTGGAGCGTGAGCCACGAAAGACCTTGAGGTCAAGTTC 1155
Db |||||
Qy 859 AACTGTTACGTGGACCGGTGGAGTGCATTAATGCCAAGCAACGCGCGGAGGAGCAG 918
Db |||||
Qy 1156 AACTGTTACGTGGACCGGTGGAGTGCATTAATGCCAAGCAACGCGCGGAGGAGCAG 1215
Db |||||
Qy 919 TACAACAGCAGTACCGGTGGTGGAGCGTCACTACCGTCTGACACGAGGACTGGCTGAAT 978
Db |||||
Qy 1216 TACAACAGCAGTACCGGTGGTGGAGCGTCACTACCGTCTGACACGAGGACTGGCTGAAT 1275
Db |||||
Qy 979 GGCAAGGAGTACAAAGTGAAGTCTTCAACAAAGCCCTCCAGCCCGCCCATCGAAGAAACC 1038
Db |||||
Qy 1276 GGCAAGGAGTACAAAGTGAAGTCTTCAACAAAGCCCTCCAGCCCGCCCATCGAAGAAACC 1335
Db |||||
Qy 1039 ATCTCCAAAGCCAAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCGCCCATCCCGG 1098
Db |||||
Qy 1336 ATCTCCAAAGCCAAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCGCCCATCCCGG 1395
Db |||||
Qy 1099 GATGAGCTGACCAAGAACCCAGGTGAGCTGACCTGCTGTGTAAGAGGCTTCTATCCCGAGC 1158
Db |||||
Qy 1396 GATGAGCTGACCAAGAACCCAGGTGAGCTGACCTGCTGTGTAAGAGGCTTCTATCCCGAGC 1455
Db |||||
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RESULT 7

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US-09-773-877B-19
; Sequence 19, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 R->N) (Mut 4)
; NAME/KEY: CDS
; LOCATION: (1)..(1704)
US-09-773-877B-19
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Query Match 71.3%; Score 982.4; DB 3; Length 1704;
Best Local Similarity 85.4%; Pred. No. 5.7e-249;
Matches 1132; Conservative 0; Mismatches 161; Indels 33; Gaps 2;

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Qy 79 AGTGATACCGGTAGACCTTTTCGTAGAGATGACGTGAATCCCGAAATTTATACATG 138
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Qy 385 AGTGATACCGGTAGACCTTTTCGTAGAGATGACGTGAATCCCGAAATTTATACATG 444
Db |||||
Qy 139 ACTGAAGGAGGAGCTCGTCACTTCCCTGCCGGGTACGTCACCATCAATCATCTGTACT 198
Db |||||
Qy 445 ACTGAAGGAGGAGCTCGTCACTTCCCTGCCGGGTACGTCACCATCAATCATCTGTACT 504
Db |||||
Qy 199 TTAATAAAGTTTCCACTTTGACACTTTTGTATCCCTGATGGAACCCGATTAATCTGGGACAGT 258
Db |||||
Qy 505 TTAATAAAGTTTCCACTTTGACACTTTTGTATCCCTGATGGAACCCGATTAATCTGGGACAGT 564
Db |||||
Qy 259 AGAAGGGCTTCATCATATCAAAATGCAACGTAACAAAGAAATAGGGCTTCTGACCTGTGAA 318
Db |||||
Qy 565 AGAAGGGCTTCATCATATCAAAATGCAACGTAACAAAGAAATAGGGCTTCTGACCTGTGAA 624
Db |||||
Qy 319 GCAACAGTCAATGGGCAATTTGTATAAGCAACAACTATCTCACATCGCAACCAATACA 378
Db |||||
Qy 625 GCAACAGTCAATGGGCAATTTGTATAAGCAACAACTATCTCACATCGCAACCAATACA 684
Db |||||
Qy 379 ATCATAGATGGGTCTGAGTCCGTCTCATGGAATTCGAATCTATCTGTGGAGAAAGCTT 438
Db |||||
Qy 685 ATCATAGATGGGTCCAAATAAGCACACACCGCCAGTCAATTAATCTTAGAGGCCATCTT 744
Db |||||
Qy 439 GTCTTAATTTGACAGCAAGAACTGAACTAAATGTGGGATTTGACTTCAACTGGGAATAC 498
Db |||||
Qy 745 GTCTCAATTTGACTGCTACCACTCCCTTGAACACGAGAGTTCAATGACCTGGAGTTAC 804
Db |||||
Qy 499 CCTTCTCGAAGCATCAGCATAGAAACTTGTAAACCGGAGACCTTAAACCCAGTCTGGG 558
Db |||||
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Qy 892 GCCAAGACAAAGCCGCGGAGGACGATACAAACGACGCTACCGTGTGGTCAGCGTCTC 951
Db |||||
Qy 1219 GCCAAGACAAAGCCGCGGAGGACGATACAAACGACGCTACCGTGTGGTCAGCGTCTC 1278
Db |||||
Qy 952 ACCGTCTCTGCAACAGGACTGGCTGAATGGCAAGGAGTACAAGTCAAGGTTCTCAACAAA 1011
Db |||||
Qy 1279 ACCGTCTCTGCAACAGGACTGGCTGAATGGCAAGGAGTACAAGTCAAGGTTCTCAACAAA 1338
Db |||||
Qy 1012 GCCCTCCAGCCGCCCATCGAGAAAACCATCTCCAAAGCCAAAGGCGACCCCGAGAACCA 1071
Db |||||
Qy 1339 GCCCTCCAGCCGCCCATCGAGAAAACCATCTCCAAAGCCAAAGGCGACCCCGAGAACCA 1398
Db |||||
Qy 1072 CAGGTGTACACCCCTCCGCCCATCCCGGATGAGCTGACCAAGACCAAGGTCAGCTGACC 1131
Db |||||
Qy 1399 CAGGTGTACACCCCTCCGCCCATCCCGGATGAGCTGACCAAGACCAAGGTCAGCTGACC 1458
Db |||||
Qy 1132 TGCCTGGTCAAGGCTTCTATCCAGGACATCCCGCTGGAGTGGGAGAGCAATGGGCGAG 1191
Db |||||
Qy 1459 TGCCTGGTCAAGGCTTCTATCCAGGACATCCCGCTGGAGTGGGAGAGCAATGGGCGAG 1518
Db |||||
Qy 1192 CCGGAGAACAACTACAAGACCAACCCCTCCCGTGTGGACTCCGAGCGGCTCTTCTTCTC 1251
Db |||||
Qy 1519 CCGGAGAACAACTACAAGACCAACCCCTCCCGTGTGGACTCCGAGCGGCTCTTCTTCTC 1578
Db |||||
Qy 1252 TACAGCAAGCTCACCGTGGACAGAGCAGGTGGCGAGGAGAGCAATGGGCGAG 1311
Db |||||
Qy 1579 TACAGCAAGCTCACCGTGGACAGAGCAGGTGGCGAGGAGAGCAATGGGCGAG 1638
Db |||||
Qy 1312 GTGATGATGAGGCTCTGCAACCACTACACGCGAGAGAGGCTCTCCCTGTCTCCGGGT 1371
Db |||||
Qy 1639 GTGATGATGAGGCTCTGCAACCACTACACGCGAGAGAGGCTCTCCCTGTCTCCGGGT 1698
Db |||||
Qy 1372 AAATGA 1377
Db |||||
Qy 1699 AAATGA 1704
Db |||||
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RESULT 9

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US-08-227-496C-14
; Sequence 14, Application US/08227496C
; Patent No. 6130202
; GENERAL INFORMATION:
; APPLICANT: Greve, Jeffrey M.
; APPLICANT: McClelland, Alan
; TITLE OF INVENTION: Multimeric Forms of Human
; TITLE OF INVENTION: Rhinovirus Receptor Protein
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bayer Corporation
; STREET: 400 Morgan Lane
; CITY: West Haven
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06516
; COMPUTER READABLE FORM:
; MEDIUM TYPE: diskette, 1.44 Mb storage
; COMPUTER: Dell OptiFlex GX1
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WordPerfect 8.0 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/227,496C
; FILING DATE: 04/14/94
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/903,069
; FILING DATE: 06/22/92
; APPLICATION NUMBER: 07/704,984
; FILING DATE: 05/24/91
; APPLICATION NUMBER: 07/556,238
; FILING DATE: 07/20/90
; ATTORNEY/AGENT INFORMATION:
; NAME: Barbara A. Shimei
; REGISTRATION NUMBER: 29,862
```

```
; REFERENCE/DOCKET NUMBER: MTI 214.2C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 812-2786
; TELEFAX: (203) 812-5492
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2043 bp
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEetical: no
; ANTI-SENSE: no
; FEATURE:
; NAME/KEY: tICAM(453)/IgG fusion
; OTHER INFORMATION: bp 1-1359 = nucleotides coding
; OTHER INFORMATION: for amino acid residues 1-453 of ICAM-1; bp 1360-
; OTHER INFORMATION: 2040 = nucleotides coding for amino acid residues
; OTHER INFORMATION: 216-442 of human heavy chain IgG1; bp 2401-2043 =
; OTHER INFORMATION: stop codon
; US-08-227-496C-14
; Query Match 49.8%; Score 686; DB 3; Length 2043;
; Best Local Similarity 95.9%; Pred. No. 9.3e-171;
; Matches 704; Conservative 0; Mismatches 30; Indels 0; Gaps 0;
Qy 644 GTGGCTGATGACCAAGAGAAACAGCACATTTCTCAGGGTTCATGAAAAGAGCAAAATC 703
Db |||||
Qy 704 ACATATGCCCCACCGTCCCGACGACCTGAACTCTCTGGGGGAGCGTCAGTCTTCTCTTCC 763
Db |||||
Qy 1370 ACATATGCCCCACCGTCCCGACGACCTGAACTCTCTGGGGGAGCGTCAGTCTTCTCTTCC 1429
Qy 764 CCCCAAAACCCAAAGGACACCTCATGATCTCCCGACCCCTGAGGTACATGCGTGTGGTG 823
Db |||||
Qy 1430 CCCCAAAACCCAAAGGACACCTCATGATCTCCCGACCCCTGAGGTACATGCGTGTGGTG 1489
Qy 824 TGGACGTGAGCCACGAAGACCCCTGAGGTCAAAGTTCAAATCGTGGACGGCGTGTGGAG 883
Db |||||
Qy 1490 TGGACGTGAGCCACGAAGACCCCTGAGGTCAAAGTTCAAATCGTGGACGGCGTGTGGAG 1549
Qy 884 TGCATATGCGACAGACAAAGCCCGGGAGGAGCAGTACAACAGCAGTACCGTGTGTGTC 943
Db |||||
Qy 1550 TGCATATGCGACAGACAAAGCCCGGGAGGAGCAGTACAACAGCAGTACCGTGTGTGTC 1609
Qy 944 GCCTCTCACCGTCTCTGACCCAGGACTGGCTGAATGGCAAGGAGTACAAGTCAAGTCT 1003
Db |||||
Qy 1610 GCCTCTCACCGTCTCTGACCCAGGACTGGCTGAATGGCAAGGAGTACAAGTCAAGTCT 1669
Qy 1004 CCAACAAAGCCCTCCAGGCCCCCATCGAGAAAACCATCTTCCAAAGCCAAAGGGCAGCCCC 1063
Db |||||
Qy 1670 CCAACAAAGCCCTCCAGGCCCCCATCGAGAAAACCATCTTCCAAAGCCAAAGGGCAGCCCC 1729
Qy 1064 GAGAACCAAGGTGTACACCTGCCGCCCATCCCGGATGAGCTGACCAAGCAAGCAAGTCA 1123
Db |||||
Qy 1730 GAGAACCAAGGTGTACACCTGCCGCCCATCCCGGATGAGCTGACCAAGCAAGTCA 1789
Qy 1124 GCCTGACCTGCCCTGGTCAAGGCTTCTATCCAGCAGACATCGCCCGTGGAGTGGGAGAGCA 1183
Db |||||
Qy 1790 GCCTGACCTGCCCTGGTCAAGGCTTCTATCCAGCAGACATCGCCCGTGGAGTGGGAGAGCA 1849
Qy 1184 ATGGGAGCGCGGAGAAACAACTACAAGACCAAGGCTCCCGTGTGGACTCCGAGCGGTCT 1243
Db |||||
Qy 1850 ATGGGAGCGCGGAGAAACAACTACAAGACCAAGGCTCCCGTGTGGACTCCGAGCGGTCT 1909
Qy 1244 TCTTCTCTTACAGCAAGCTCACCGTGGACAAAGAGGTGGCAGAGGAGGAAAGTCTTCT 1303
Db |||||
Qy 1910 TCTTCTCTTACAGCAAGCTCACCGTGGACAAAGAGGTGGCAGAGGAGGAAAGTCTTCT 1969
Qy 1304 CATGCTCCGTGATGATGAGGCTCTGCAACCAACCACTACACGCAAGAGAGGCTCTCCCTGT 1363
Db |||||
Qy 1970 CATGCTCCGTGATGATGAGGCTCTGCAACCAACCACTACACGCAAGAGAGGCTCTCCCTGT 2029
Db |||||
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Qy	1364	CTCCGGGTAAATGA 1377
Db	2030	CTCCGGGTAAATGA 2043
RESULT 10		
US-09-023-655-1223		
; Sequence 1223, Application US/09023655		
; Patent No. 6607879		
; GENERAL INFORMATION:		
; APPLICANT: Cocks, Benjamin G.		
; APPLICANT: Susan G. Stuart		
; APPLICANT: Jeffrey J. Seilhamer		
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE		
; TITLE OF INVENTION: EXPRESSION		
; NUMBER OF SEQUENCES: 1508		
; CORRESPONDENCE ADDRESS:		
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.		
; STREET: 3174 PORTER DRIVE		
; CITY: PALO ALTO		
; STATE: CALIFORNIA		
; COUNTRY: USA		
; ZIP: 94304		
; COMPUTER READABLE FORM:		
; MEDIUM TYPE: Floppy disk		
; COMPUTER: IBM PC compatible		
; OPERATING SYSTEM: PC-DOS/MS-DOS		
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2		
; CURRENT APPLICATION DATA:		
; APPLICATION NUMBER: US/09/023,655		
; FILING DATE: HERewith		
; CLASSIFICATION:		
; PRIOR APPLICATION DATA:		
; APPLICATION NUMBER:		
; FILING DATE:		
; CLASSIFICATION:		
; ATTORNEY/AGENT INFORMATION:		
; NAME: Zeller, Karen J.		
; REGISTRATION NUMBER: 37,071		
; REFERENCE/DOCKET NUMBER: PA-0001 US		
; TELECOMMUNICATION INFORMATION:		
; TELEPHONE: (650) 855-0555		
; TELEFAX: (650) 845-4166		
; INFORMATION FOR SEQ ID NO: 1223:		
; SEQUENCE CHARACTERISTICS:		
; LENGTH: 705 base pairs		
; TYPE: nucleic acid		
; STRANDEDNESS: single		
; TOPOLOGY: linear		
; IMMEDIATE SOURCE:		
; LIBRARY: GENBANK		
; CLONE: G243865		
US-09-023-655-1223		
Query Match 49.7%; Score 684; DB 3; Length 705;		
Best Local Similarity 100.0%; Pred. No. 2e-170;		
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	694	GACAAAACCTCACACATGCCACCCTGCGGCAGCACCCTCATGATCTCCGGACCCCCTGAGGTACA 813
Db	5	GACAAAACCTCACACATGCCACCCTGCGGCAGCACCCTCATGATCTCCGGGGGACCGTCAGTC 64
Qy	754	TTCCTCTTCCCCCAAAACCCGAGACACCCCTCATGATCTCCGGACCCCCTGAGGTACA 813
Db	65	TTCCTCTTCCCCCAAAACCCGAGACACCCCTCATGATCTCCGGACCCCCTGAGGTACA 124
Qy	814	TGGGTGGTGTTGAGCTGAGCAGCAGAACCTGAGGTCAAGTTCAAAGTCTGAGTGTGAC 873
Db	125	TGGGTGGTGTTGAGCTGAGCAGCAGAACCTGAGGTCAAGTTCAAAGTCTGAGTGTGAC 184
Qy	874	GCGGTGGAGGTGCATAATGCCAAGAACAAGCCGCGGGAGGACGATGTAACAACAGACCGTAC 933

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QY 754 TTCCTCTTCCCCCAAAACCCAGGACACCTCATGATCTCCCGGACCCCTGAGGTGACA 813
Db 388 TTCTCTTTCCTCCCAAAACCCAGGACACCTCATGATCTCCCGGACCCCTGAGGTGACA 447
QY 814 TGCCTGTGTGGACGTGAGCACCAGACACCTGAGGTCAAGTTCAACTGTTGAGTGGAC 873
Db 448 TGCCTGTGTGGACGTGAGCACCAGACACCTGAGGTCAAGTTCAACTGTTGAGTGGAC 507
QY 874 GCGGTGAGGTGCAATATGCCAAGACAAAGCCGCGGAGGAGCAGTACAACAGACAGTAC 933
Db 508 GCGGTGAGGTGCAATATGCCAAGACAAAGCCGCGGAGGAGCAGTACAACAGACAGTAC 567
QY 934 CGTGTGTGACGCTCCTCAGCGTCTGACAGGACCTGGCTGAATGCAAGGAGTACAAG 993
Db 568 CGTGTGTGACGCTCCTCAGCGTCTGACAGGACCTGGCTGAATGCAAGGAGTACAAG 627
QY 994 TGCAAGGTCTCCAAACAAAGCCCTCCAGCCGCCCAATCGAGAAACCATCTCCAAAGCCAAA 1053
Db 628 TGCAAGGTCTCCAAACAAAGCCCTCCAGCCGCCCAATCGAGAAACCATCTCCAAAGCCAAA 687
QY 1054 GGGCAGCCCGGAGAACACAGGTGTACACCTGCCCCCCTCCCGGAGTGAAGTACCAAG 1113
Db 688 GGGCAGCCCGGAGAACACAGGTGTACACCTGCCCCCCTCCCGGAGTGAAGTACCAAG 747
QY 1114 AACGAGTCAAGCTGACCTGCTGCTCAAGGCTTCTATCCAGCGACATCGCGTGGAG 1173
Db 748 AACGAGTCAAGCTGACCTGCTGCTCAAGGCTTCTATCCAGCGACATCGCGTGGAG 807
QY 1174 TGGGAGAGCAATGGGAGCCGAGAACAACTACAAGACCAAGCTCCCGTGGACTCC 1233
Db 808 TGGGAGAGCAATGGGAGCCGAGAACAACTACAAGACCAAGCTCCCGTGGACTCC 867
QY 1234 GACGGCTCTTCTTCTCTACAGAGCTACCGTGGACAAAGAGCAGGTGGCAGAGGG 1293
Db 868 GACGGCTCTTCTTCTCTACAGAGCTACCGTGGACAAAGAGCAGGTGGCAGAGGG 927
QY 1294 AACGCTTCTCATGCTCCGCTGATGATGAGGCTCTGCACAAACCACTACAGCAAGAGC 1353
Db 928 AACGCTTCTCATGCTCCGCTGATGATGAGGCTCTGCACAAACCACTACAGCAAGAGC 987
QY 1354 CTCTCCCTGTCTCCGGTAAATGA 1377
Db 988 CTCTCCCTGTCTCCGGTAAATGA 1011
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RESULT 12

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US-09-761-413-1
; Sequence 1, Application US/09761413
; Patent No. 6506891
; GENERAL INFORMATION:
; APPLICANT: Tao, Weng
; APPLICANT: Wong, Shou
; APPLICANT: Hickey, William F.
; APPLICANT: Hamming, Joseph P.
; APPLICANT: Baetge, E. Edward
; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
; FILE REFERENCE: 17810-043
; CURRENT APPLICATION NUMBER: US/09/761,413
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US/09/178,869
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1019
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: gene
; LOCATION: (..)
; OTHER INFORMATION: Description of Sequence: Recombinant
; OTHER INFORMATION: Polynucleotide
; NAME/KEY: CDS
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; LOCATION: (16)..(1008)
US-09-761-413-1
Query Match 49.7%; Score 684; DB 3; Length 1019;
Best Local Similarity 100.0%; Pred. No. 2.4e-170;
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 694 GACAAAACCTACACATGCCACCGTGCCTCCAGCAGCCTGAACCTCTCTGGGGGACCGTCAAGTC 753
Db 328 GACAAAACCTACACATGCCACCGTGCCTCCAGCAGCCTGAACCTCTCTGGGGGACCGTCAAGTC 387
QY 754 TTCTCTTTCCTCCCAAAACCCAAAGGACACCTCATGATCTCCCGGACCCCTGAGGTGACA 813
Db 388 TTCTCTTTCCTCCCAAAACCCAAAGGACACCTCATGATCTCCCGGACCCCTGAGGTGACA 447
QY 814 TGCCTGTGTGGACGTGAGCACCAGACACCTGAGGTCAAGTTCAACTGTTGAGTGGAC 873
Db 448 TGCCTGTGTGGACGTGAGCACCAGACACCTGAGGTCAAGTTCAACTGTTGAGTGGAC 507
QY 874 GCGGTGAGGTGCAATATGCCAAGACAAAGCCGCGGAGGAGCAGTACAACAGACAGTAC 933
Db 508 GCGGTGAGGTGCAATATGCCAAGACAAAGCCGCGGAGGAGCAGTACAACAGACAGTAC 567
QY 934 CGTGTGTGACGCTCCTCAGCGTCTGACAGGACCTGGCTGAATGCAAGGAGTACAAG 993
Db 568 CGTGTGTGACGCTCCTCAGCGTCTGACAGGACCTGGCTGAATGCAAGGAGTACAAG 627
QY 994 TGCAAGGTCTCCAAACAAAGCCCTCCAGCCGCCCAATCGAGAAACCATCTCCAAAGCCAAA 1053
Db 628 TGCAAGGTCTCCAAACAAAGCCCTCCAGCCGCCCAATCGAGAAACCATCTCCAAAGCCAAA 687
QY 1054 GGGCAGCCCGGAGAACACAGGTGTACACCTGCCCCCCTCCCGGAGTGAAGTACCAAG 1113
Db 688 GGGCAGCCCGGAGAACACAGGTGTACACCTGCCCCCCTCCCGGAGTGAAGTACCAAG 747
QY 1114 AACGAGTCAAGCTGACCTGCTGCTCAAGGCTTCTATCCAGCGACATCGCGTGGAG 1173
Db 748 AACGAGTCAAGCTGACCTGCTGCTCAAGGCTTCTATCCAGCGACATCGCGTGGAG 807
QY 1174 TGGGAGAGCAATGGGAGCCGAGAACAACTACAAGACCAAGCTCCCGTGGACTCC 1233
Db 808 TGGGAGAGCAATGGGAGCCGAGAACAACTACAAGACCAAGCTCCCGTGGACTCC 867
QY 1234 GACGGCTCTTCTTCTCTACAGAGCTACCGTGGACAAAGAGCAGGTGGCAGAGGG 1293
Db 868 GACGGCTCTTCTTCTCTACAGAGCTACCGTGGACAAAGAGCAGGTGGCAGAGGG 927
QY 1294 AACGCTTCTCATGCTCCGCTGATGATGAGGCTCTGCACAAACCACTACAGCAAGAGC 1353
Db 928 AACGCTTCTCATGCTCCGCTGATGATGAGGCTCTGCACAAACCACTACAGCAAGAGC 987
QY 1354 CTCTCCCTGTCTCCGGTAAATGA 1377
Db 988 CTCTCCCTGTCTCCGGTAAATGA 1011
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RESULT 13

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US-09-180-100-18
; Sequence 18, Application US/09180100
; Patent No. 6306395
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, No. 6306395i0
; APPLICANT: NAGATA, Shigekazu
; TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
; FILE REFERENCE: 1110-207P
; CURRENT APPLICATION NUMBER: US/09/180,100
; CURRENT FILING DATE: 1998-11-02
; EARLIER APPLICATION NUMBER: PCT/JP97/01502
; EARLIER FILING DATE: 1997-05-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 1182
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-180-100-18

Query Match      49.7%; Score 684; DB 3; Length 1182;
Best Local Similarity 100.0%; Pred. No. 2.5e-170;
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 694 GACAAAACCTCACACATGCCACCGTGGCCAGCAGCTGAACCTCTCTGGGGGACCGTCAGTC 753
Db 483 GACAAAACCTCACACATGCCACCGTGGCCAGCAGCTGAACCTCTCTGGGGGACCGTCAGTC 542
Qy 754 TTCTCTTCCCTCCCAAAACCCAAAGGACACCTCTATGATCTCCCGGACCCCTGAGGTCA 813
Db 543 TTCTCTTCCCTCCCAAAACCCAAAGGACACCTCTATGATCTCCCGGACCCCTGAGGTCA 602
Qy 814 TGCCTGTGTGGAGCTGAGCCAGCAGACGACCTGAGGTCAAGTTCAACTGGTAGCTGGAC 873
Db 603 TGCCTGTGTGGAGCTGAGCCAGCAGACGACCTGAGGTCAAGTTCAACTGGTAGCTGGAC 662
Qy 874 GCGGTGAGGTGTCATAATGCCAAGCAAAAGCCGGGAGGAGCAGTAGTCAACAGCACGTAC 933
Db 663 GCGGTGAGGTGTCATAATGCCAAGCAAAAGCCGGGAGGAGCAGTAGTCAACAGCACGTAC 722
Qy 934 CGTGTGTGACGCTCTCACCGTCTGCAACGAGACTGGCTGAATGGCAAGGAGTACAAG 993
Db 723 CGTGTGTGACGCTCTCACCGTCTGCAACGAGACTGGCTGAATGGCAAGGAGTACAAG 782
Qy 994 TGCAGGTCTCCAAACAAAGCCCTCCAGCCGCCATCGAGAAACCATCTCCAAAGCCAAA 1053
Db 783 TGCAGGTCTCCAAACAAAGCCCTCCAGCCGCCATCGAGAAACCATCTCCAAAGCCAAA 842
Qy 1054 GGGCAGCCCGGAGAACACAGGTGTACACCTGCGCCCATCCCGGGATGAGTACCAAG 1113
Db 843 GGGCAGCCCGGAGAACACAGGTGTACACCTGCGCCCATCCCGGGATGAGTACCAAG 902
Qy 1114 AACAGGTGACCTGACCTGCTGGTCAAAAGCTTCTATCCAGCGACATCGCGTGGAG 1173
Db 903 AACAGGTGACCTGACCTGCTGGTCAAAAGCTTCTATCCAGCGACATCGCGTGGAG 962
Qy 1174 TGGAGAGCAATGGGAGCCGGAGAACATACAGACGACGCTCCCGTGTGGACTCC 1233
Db 963 TGGAGAGCAATGGGAGCCGGAGAACATACAGACGACGCTCCCGTGTGGACTCC 1022
Qy 1234 GACGGCTCTCTTCTCTACAGCAAGCTACCGTGGACAGCAGTGGCAGCAGGG 1293
Db 1023 GACGGCTCTCTTCTCTACAGCAAGCTACCGTGGACAGCAGTGGCAGCAGGG 1082
Qy 1294 AACGTCTTCTCATGCTCCGTGATGAGCTCTGCACACCACTACACGAGAGAGC 1353
Db 1083 AACGTCTTCTCATGCTCCGTGATGAGCTCTGCACACCACTACACGAGAGAGC 1142
Qy 1354 CTCTCCCTGTCTCCGGGTAATGA 1377
Db 1143 CTCTCCCTGTCTCCGGGTAATGA 1166

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RESULT 14

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US-09-949-713-18
; Sequence 18, Application US/09949713
; Patent No. 6953847
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, No. 695384710
; APPLICANT: NAKAMURA, Shigekazu
; TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE
; FILE REFERENCE: 1110-207P
; CURRENT APPLICATION NUMBER: US/09/949, 713
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US/09/180, 100
; PRIOR FILING DATE: 1998-11-02
; PRIOR APPLICATION NUMBER: PCT/JP97/01502
; PRIOR FILING DATE: 1997-05-01
; NUMBER OF SEQ ID NOS: 25

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 1182
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-949-713-18

Query Match      49.7%; Score 684; DB 3; Length 1182;
Best Local Similarity 100.0%; Pred. No. 2.5e-170;
Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 694 GACAAAACCTCACACATGCCACCGTGGCCAGCAGCTGAACCTCTCTGGGGGACCGTCAGTC 753
Db 483 GACAAAACCTCACACATGCCACCGTGGCCAGCAGCTGAACCTCTCTGGGGGACCGTCAGTC 542
Qy 754 TTCTCTTCCCTCCCAAAACCCAAAGGACACCTCTATGATCTCCCGGACCCCTGAGGTCA 813
Db 543 TTCTCTTCCCTCCCAAAACCCAAAGGACACCTCTATGATCTCCCGGACCCCTGAGGTCA 602
Qy 814 TGCCTGTGTGGAGCTGAGCCAGCAGACGACCTGAGGTCAAGTTCAACTGGTAGCTGGAC 873
Db 603 TGCCTGTGTGGAGCTGAGCCAGCAGACGACCTGAGGTCAAGTTCAACTGGTAGCTGGAC 662
Qy 874 GCGGTGAGGTGTCATAATGCCAAGCAAAAGCCGGGAGGAGCAGTAGTCAACAGCACGTAC 933
Db 663 GCGGTGAGGTGTCATAATGCCAAGCAAAAGCCGGGAGGAGCAGTAGTCAACAGCACGTAC 722
Qy 934 CGTGTGTGACGCTCTCACCGTCTGCAACGAGACTGGCTGAATGGCAAGGAGTACAAG 993
Db 723 CGTGTGTGACGCTCTCACCGTCTGCAACGAGACTGGCTGAATGGCAAGGAGTACAAG 782
Qy 994 TGCAGGTCTCCAAACAAAGCCCTCCAGCCGCCATCGAGAAACCATCTCCAAAGCCAAA 1053
Db 783 TGCAGGTCTCCAAACAAAGCCCTCCAGCCGCCATCGAGAAACCATCTCCAAAGCCAAA 842
Qy 1054 GGGCAGCCCGGAGAACACAGGTGTACACCTGCGCCCATCCCGGGATGAGTACCAAG 1113
Db 843 GGGCAGCCCGGAGAACACAGGTGTACACCTGCGCCCATCCCGGGATGAGTACCAAG 902
Qy 1114 AACAGGTGACCTGACCTGCTGGTCAAAAGCTTCTATCCAGCGACATCGCGTGGAG 1173
Db 903 AACAGGTGACCTGACCTGCTGGTCAAAAGCTTCTATCCAGCGACATCGCGTGGAG 962
Qy 1174 TGGAGAGCAATGGGAGCCGGAGAACATACAGACGACGCTCCCGTGTGGACTCC 1233
Db 963 TGGAGAGCAATGGGAGCCGGAGAACATACAGACGACGCTCCCGTGTGGACTCC 1022
Qy 1234 GACGGCTCTCTTCTCTACAGCAAGCTACCGTGGACAGCAGTGGCAGCAGGG 1293
Db 1023 GACGGCTCTCTTCTCTACAGCAAGCTACCGTGGACAGCAGTGGCAGCAGGG 1082
Qy 1294 AACGTCTTCTCATGCTCCGTGATGAGCTCTGCACACCACTACACGAGAGAGC 1353
Db 1083 AACGTCTTCTCATGCTCCGTGATGAGCTCTGCACACCACTACACGAGAGAGC 1142
Qy 1354 CTCTCCCTGTCTCCGGGTAATGA 1377
Db 1143 CTCTCCCTGTCTCCGGGTAATGA 1166

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RESULT 15

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US-08-488-376-19
; Sequence 19, Application US/08488376
; Patent No. 5811524
; GENERAL INFORMATION:
; APPLICANT: BRAMS, Peter
; APPLICANT: CHAMAT, Souleima Salim
; APPLICANT: PAN, Li-Zhen
; APPLICANT: WALSH, Edward E.
; APPLICANT: HEARD, Cheryl Janne
; APPLICANT: NEWMAN, Roland Anthony
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND

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TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF

; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis
 ; STREET: P.O. Box 1404
 ; CITY: Alexandria
 ; STATE: Virginia
 ; COUNTRY: United States
 ; ZIP: 22313-1404
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/488,376
 ; FILING DATE: 07-JUN-1995
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Teskin, Robin L.
 ; REGISTRATION NUMBER: 35,030
 ; REFERENCE/DOCKET NUMBER: 012712-150
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703) 836-6620
 ; TELEFAX: (703) 836-2021
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1428 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 1..1428
 ; US-08-488-376-19

Query Match 49.7%; Score 684; DB 2; Length 1428;
 Best Local Similarity 100.0%; Pred. No. 2.7e-170;
 Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	694	GACAAAACCTCACATGCCACCGTCCAGCAGCCTGAACTCCTGGGGGACCGTCAGTC	753
Db	745	GACAAAACCTCACATGCCACCGTCCAGCAGCCTGAACTCCTGGGGGACCGTCAGTC	804
Qy	754	TTCTCTTCCCTCCCAAAACCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTCA	813
Db	805	TTCTCTTCCCTCCCAAAACCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTCA	864
Qy	814	TGCGTGTGTGGAGCTGAGCAGCAGGACGCTGAGGTCAAGTTCAA	873
Db	865	TGCGTGTGTGGAGCTGAGCAGCAGGACGCTGAGGTCAAGTTCAA	924
Qy	874	GGCGTGGAGGTGCAATAATGCAAGCAAAAGCGCGGAGGAGCAGTACAA	933
Db	925	GGCGTGGAGGTGCAATAATGCAAGCAAAAGCGCGGAGGAGCAGTACAA	984
Qy	934	CGTGTGTGACGCTGCTCCTCAGCGTCTGACAGGACCTGGCTGAATGGCAAGGAGTACA	993
Db	985	CGTGTGTGACGCTGCTCCTCAGCGTCTGACAGGACCTGGCTGAATGGCAAGGAGTACA	1044
Qy	994	TGCAGGTCTCCAAAGGCTCCAGCGCCCTCCAGCAAAACCATCTCAAAGCCAAA	1053
Db	1045	TGCAGGTCTCCAAAGGCTCCAGCGCCCTCCAGCAAAACCATCTCAAAGCCAAA	1104
Qy	1054	GGGAGGCTCCGAGAACACAGGCTGACACCTGCGCCCATCCCGGGATGAGCTGACCAAG	1113
Db	1105	GGGAGGCTCCGAGAACACAGGCTGACACCTGCGCCCATCCCGGGATGAGCTGACCAAG	1164
Qy	1114	AACAGGTGACGCTGACCTGCTGGTCAAAAGGCTTCTATCCCAAGCAGCATCGCGGTGGAG	1173
Db	1165	AACAGGTGACGCTGACCTGCTGGTCAAAAGGCTTCTATCCCAAGCAGCATCGCGGTGGAG	1224

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 Job time : 289 secs

Qy	1174	TGGGAGAGCAATGGGAGCGGAGAGCAACTACAAGACCAAGCGCTCCCGTGTGGACTCC	1233
Db	1225	TGGGAGAGCAATGGGAGCGGAGAGCAACTACAAGACCAAGCGCTCCCGTGTGGACTCC	1284
Qy	1234	GACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGCGCAGCAGGGG	1293
Db	1285	GACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGCGCAGCAGGGG	1344
Qy	1294	AACGTCTTCTCATGCTCCCGTGGATGCGATGAGGCTCTGCACAACCACTACACGCAAGAGC	1353
Db	1345	AACGTCTTCTCATGCTCCCGTGGATGCGATGAGGCTCTGCACAACCACTACACGCAAGAGC	1404
Qy	1354	CTCTCCCTGTCTCCGGGTAAATGA	1377
Db	1405	CTCTCCCTGTCTCCGGGTAAATGA	1428

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OM protein - protein search, using sw model

Run on: January 17, 2006, 06:55:25 ; Search time 23 Seconds
(without alignments)
1646.324 Million cell updates/sec

Title: US-10-811-170-2

Perfect score: 2437

Sequence: 1 MVS YMDTG VLLCALLSCLLL.....MHEALHNYTQKSLSPGK 458

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:**

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2: /cgn2_6/ptodata/1/iaa/6 COMB.pap:**

3: /cgn2_6/ptodata/1/iaa/H COMB.pap:**

4: /cgn2_6/ptodata/1/iaa/PTCUS COMB.pap:**

5: /cgn2_6/ptodata/1/iaa/RB COMB.pap:**

6: /cgn2_6/ptodata/1/iaa/backfiles1.pap:**

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	2437	100.0	458	2	US-09-773-877B-26
2	2399	98.4	458	2	US-09-773-877B-22
3	2261	92.8	431	2	US-09-773-877B-27
4	2069.5	84.9	455	2	US-09-773-877B-24
5	2049	84.1	462	2	US-09-773-877B-18
6	2038	83.6	452	2	US-09-773-877B-16
7	2015.5	82.7	567	2	US-09-773-877B-20
8	2014.5	82.7	567	2	US-09-773-877B-12
9	2003.5	82.2	557	2	US-09-773-877B-14
10	1304	53.5	680	2	US-08-237-496C-15
11	1293.5	53.1	915	2	US-10-282-162-46
12	1290.5	53.0	915	2	US-10-282-162-52
13	1288	52.9	900	2	US-10-282-162-34
14	1281.5	52.6	900	2	US-10-282-162-40
15	1280	52.5	497	2	US-09-499-846-6
16	1279.5	52.5	622	2	US-09-499-846-2
17	1275.5	52.3	910	2	US-09-313-942-28
18	1275.5	52.3	910	2	US-10-282-162-28
19	1274.5	52.3	525	2	US-09-499-846-4
20	1269.5	52.1	488	2	US-09-499-846-12
21	1269	52.1	388	2	US-09-131-247-16
22	1269	52.1	388	2	US-09-784-623-16
23	1265	51.9	347	1	US-07-940-861-43
24	1265	51.9	347	1	US-08-459-512-43
25	1265	51.9	347	1	US-08-459-657-43
26	1265	51.9	347	1	US-08-460-132-43
27	1265	51.9	347	2	US-08-466-465-8

28	1265	51.9	347	2	US-09-730-465-8	Sequence 8, Appl
29	1265	51.9	347	4	PCT-US92-02050-43	Sequence 43, Appl
30	1265	51.9	497	2	US-09-499-846-10	Sequence 10, Appl
31	1261	51.7	459	1	US-08-157-101A-7	Sequence 7, Appl
32	1259.5	51.7	525	2	US-09-499-846-8	Sequence 8, Appl
33	1256	51.5	475	2	US-09-740-002-25	Sequence 25, Appl
34	1254.5	51.5	547	2	US-09-746-359A-54	Sequence 53, Appl
35	1254.5	51.5	571	2	US-09-746-359A-53	Sequence 54, Appl
36	1254.5	51.5	691	2	US-09-313-942-20	Sequence 20, Appl
37	1254.5	51.5	691	2	US-10-282-162-20	Sequence 20, Appl
38	1254.5	51.5	694	2	US-09-313-942-22	Sequence 22, Appl
39	1254.5	51.5	694	2	US-10-282-162-22	Sequence 22, Appl
40	1253.5	51.4	387	1	US-08-470-299-4	Sequence 4, Appl
41	1253.5	51.4	437	4	PCT-US96-10043-11	Sequence 11, Appl
42	1253.5	51.4	704	2	US-09-590-656-2	Sequence 2, Appl
43	1253.5	51.4	704	2	US-09-733-764-2	Sequence 2, Appl
44	1252.5	51.4	450	2	US-09-596-288-248	Sequence 248, App
45	1252.5	51.4	450	2	US-09-596-265-248	Sequence 248, App

ALIGNMENTS

RESULT 1

US-09-773-877B-26
; Sequence 26, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFRII2-FcdeltaCl(a) Receptor
US-09-773-877B-26

Query Match	100.0%	Score 2437;	DB 2;	Length 458;
Best Local Similarity	100.0%	Pred. No. 1.9e-196;		
Matches	458;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
QY	1	MVS YMDTG VLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS	60	
Db	1	MVS YMDTG VLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS	60	
QY	61	PNITVTLKKEPLDTLIPDGKRIIWD SRKGFIISNATYKEIGLITCEATVNGHLYKTNLT	120	
Db	61	PNITVTLKKEPLDTLIPDGKRIIWD SRKGFIISNATYKEIGLITCEATVNGHLYKTNLT	120	
QY	121	HRTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWYPSSSHQKHKL VNRD	180	
Db	121	HRTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWYPSSSHQKHKL VNRD	180	
QY	181	LKTQSGEMKKFSTLTIDGVTRSDGLXYTCAASSGLMTKGNSTFVRVHEKDKHTT CPC	240	
Db	181	LKTQSGEMKKFSTLTIDGVTRSDGLXYTCAASSGLMTKGNSTFVRVHEKDKHTT CPC	240	
QY	241	PABELLGGPSVFLFPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYDGVGVHNAKT	300	
Db	241	PABELLGGPSVFLFPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYDGVGVHNAKT	300	
QY	301	KPREQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIETKISKAKGQPREPQVY	360	
Db	301	KPREQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIETKISKAKGQPREPQVY	360	
QY	361	TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPTPVLDSGDSFFLYSK	420	
Db	361	TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPTPVLDSGDSFFLYSK	420	

Db 361 TLPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYISK 420
Qy 421 LTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db 421 LTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
RESULT 2
US-09-773-877B-22
; Sequence 22, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Peptide
US-09-773-877B-22

Query Match 98.4%; Score 2399; DB 2; Length 458;
Best Local Similarity 98.7%; Pred. No. 2.9e-193;
Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;
Qy 1 MVSYPDGVLLCALLSCLLLTGSSGSDTGRPFVEMYSEIPEIIMHTEGRELVIKRVTS 60
Db 1 MVSYPDGVLLCALLSCLLLTGSSGSDTGRPFVEMYSEIPEIIMHTEGRELVIKRVTS 57
Qy 61 PNITVTLKPPDLTLPDGKRIIWDNRKGLFIISNATYKEIGLTCEATVNGHLYKTNLT 120
Db 58 PNITVTLKPPDLTLPDGKRIIWDNRKGLFIISNATYKEIGLTCEATVNGHLYKTNLT 117
Qy 121 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWYPSKQHKGLVNRD 180
Db 118 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWYPSKQHKGLVNRD 177
Qy 181 LKQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
Db 178 LKQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKGPDKTHTC 237
Qy 238 PPCAPELLGGPSVFLPPPKDPTLMISRTPEVTCVVVDVSHEDPEVKFNWYDGVVHN 297
Db 238 PPCAPELLGGPSVFLPPPKDPTLMISRTPEVTCVVVDVSHEDPEVKFNWYDGVVHN 297
Qy 298 AKTKPREEQNSTYRVVSVLTVLHQDLNGLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
Db 298 AKTKPREEQNSTYRVVSVLTVLHQDLNGLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
Qy 358 QVYTLPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFL 417
Db 358 QVYTLPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFL 417
Qy 418 YSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db 418 YSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458

RESULT 3
US-09-773-877B-27
; Sequence 27, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877B

; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 431
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Peptide
US-09-773-877B-27

Query Match 92.8%; Score 2261; DB 2; Length 431;
Best Local Similarity 99.1%; Pred. No. 1.1e-181;
Matches 428; Conservative 0; Mismatches 0; Indels 4; Gaps 2;
Qy 30 GRPFVEMYSEIPEIIMHTEGRELVIKRVTSNPIITVTLKKFPLDTLIPDGKRIIWDNRK 89
Db 1 GRPFVEMYSEIPEIIMHTEGRELVIKRVTSNPIITVTLKKFPLDTLIPDGKRIIWDNRK 60
Qy 90 FIISNATYKEIGLTCEATVNGHLYKTNLTTHRQTNTIIDVVLSPSHGIELSVGEKLVN 149
Db 61 FIISNATYKEIGLTCEATVNGHLYKTNLTTHRQTNTIIDVVLSPSHGIELSVGEKLVN 120
Qy 150 CTARTELNVGIDFNWYPSKQHKGLVNRDLKQSGSEMKKFLSTLTIDGVTRSDQGLY 209
Db 121 CTARTELNVGIDFNWYPSKQHKGLVNRDLKQSGSEMKKFLSTLTIDGVTRSDQGLY 180
Qy 210 TCAASSGLMTKKNSTFVRVHEK---DKTHTCPPCAPELLGGPSVFLPPPKDPTLMISR 266
Db 181 TCAASSGLMTKKNSTFVRVHEKGPDKTHTCPPCAPELLGGPSVFLPPPKDPTLMISR 240
Qy 267 TPVTCVVVDVSHEDPEVKFNWYDGVVEVHNATKPREEQNSTYRVVSVLTVLHQDLN 326
Db 241 TPVTCVVVDVSHEDPEVKFNWYDGVVEVHNATKPREEQNSTYRVVSVLTVLHQDLN 300
Qy 327 GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS 386
Db 301 GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS 359
Qy 387 DIAVEWESNGQPENNYKTPPVLDSDGSFFLYISKLVTDKSRWQGNVFCSCVMHEALHNH 446
Db 360 DIAVEWESNGQPENNYKTPPVLDSDGSFFLYISKLVTDKSRWQGNVFCSCVMHEALHNH 419
Qy 447 YTOKSLSLSPGK 458
Db 420 YTOKSLSLSPGK 431

RESULT 4
US-09-773-877B-24
; Sequence 24, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1D2.VEGFR3D3.FcdeltaC1(a)Receptor
US-09-773-877B-24

Query Match 84.9%; Score 2069.5; DB 2; Length 455;
Best Local Similarity 85.7%; Pred. No. 1.4e-165;
Matches 395; Conservative 16; Mismatches 41; Indels 9; Gaps 3;
Qy 1 MVSYPDGVLLCALLSCLLLTGSSGSDTGRPFVEMYSEIPEIIMHTEGRELVIKRVTS 60

[illegible]

RESULT 5

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US-09-773-877B-18
; Sequence 18, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 462
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(2-3)-FC (Mut3)
US-09-773-877B-18

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Db      236  DKTHTCPCPAPELLGGPSVFLPPPKOTFLMISRTPEVTCVVVDVSHEDPEVKFNMYD  295
Qy      292  GVEVHNAKTPREEQYNSTYRVYSVLTVTLHODWLNKGKEYKCKVSNKALPAPIERTISKAK  351
Db      296  GVEVHNAKTPREEQYNSTYRVYSVLTVTLHODWLNKGKEYKCKVSNKALPAPIERTISKAK  355
Qy      352  GQPREQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPPVLD  411
Db      356  GQPREQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPPVLD  415
Qy      412  DGSFFLYSKLTVDKSRWQQGNFVSCSVYMEALHNHYTQKSLSLSPGK  458
Db      416  DGSFFLYSKLTVDKSRWQQGNFVSCSVYMEALHNHYTQKSLSLSPGK  462

RESULT 6
US-09-773-877B-16
; Sequence 16, Application US/09773877B
; Patent NO. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 452
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: F1t1(2-3 deltaB)-Fc
US-09-773-877B-16

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[illegible]

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RESULT 7
US-09-773-877B-20
; Sequence 20, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 R->N)-Fc (Mut4)
US-09-773-877B-20

Query Match      82.7%; Score 2015.5; DB 2; Length 567;
Best Local Similarity 69.6%; Pred. No. 6.8e-161;
Matches 396; Conservative 14; Mismatches 46; Indels 113; Gaps 3;

Qy      1 MVS YWDTGVLLCALLSCLLLTGSSSG----- 26
Db      1 MVS YWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTOHIMQAGTTLHLQCRGEAAHK 60
Qy      27 ----- 26
Db      61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTTLNTAQANHTGFYSCKYLAVPTSKKET 120
Qy      27 -----SDTGRPFVEMYSEIPIIIMTEGRELVIPCRVTSNITVTLKKPFLDITLIPD 78
Db      121 ESAIYIFISDTGRPFVEMYSEIPIIIMTEGRELVIPCRVTSNITVTLKKPFLDITLIPD 180
Qy      79 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLYTHROTNTIIDVLSPSHGI 138
Db      181 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLYTHROTNTIIDVQISTPRPV 240
Qy      139 ELSVGEKLVNCTARTELNVGIDFNWEPSPSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI 198
Db      241 KLLRGHTVLNCTATTPLNTRVQMTWSYPDEKNKNASVRR--IDQSNHANIFYSVLTI 298
Qy      199 DGVTRSOGLYTCASGLMTKNSTFVRVHEK-----DKHTCPCPAPPELLGGP 249
Db      299 DKMNQDKGLYTCRVRSGPSFKSVNTSVHIYKAGPGEKPKSCDKTHTCPCPAPPELLGGP 358
Qy      250 SVFLFPKPKDITLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREEQYNS 309
Db      359 SVFLFPKPKDITLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREEQYNS 418
Qy      310 TYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPSRDEL 369
Db      419 TYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPSRDEL 478
Qy      370 TKQVSLTCLVKGYFIPSDIAVEWESNGQPENNYKTTTPVLDSDGSPFLYSKLTVDKSRWQ 429
Db      479 TKQVSLTCLVKGYFIPSDIAVEWESNGQPENNYKTTTPVLDSDGSPFLYSKLTVDKSRWQ 538
Qy      430 QGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db      539 QGNVFCSCVMHEALHNHYTQKSLSLSPGK 567

RESULT 8
US-09-773-877B-12
; Sequence 12, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
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; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt(1-3)-Fc
US-09-773-877B-12

Query Match      82.7%; Score 2014.5; DB 2; Length 567;
Best Local Similarity 69.6%; Pred. No. 8.2e-161;
Matches 396; Conservative 13; Mismatches 47; Indels 113; Gaps 3;

Qy      1 MVS YWDTGVLLCALLSCLLLTGSSSG----- 26
Db      1 MVS YWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTOHIMQAGTTLHLQCRGEAAHK 60
Qy      27 ----- 26
Db      61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTTLNTAQANHTGFYSCKYLAVPTSKKET 120
Qy      27 -----SDTGRPFVEMYSEIPIIIMTEGRELVIPCRVTSNITVTLKKPFLDITLIPD 78
Db      121 ESAIYIFISDTGRPFVEMYSEIPIIIMTEGRELVIPCRVTSNITVTLKKPFLDITLIPD 180
Qy      79 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLYTHROTNTIIDVLSPSHGI 138
Db      181 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLYTHROTNTIIDVQISTPRPV 240
Qy      139 ELSVGEKLVNCTARTELNVGIDFNWEPSPSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI 198
Db      241 KLLRGHTVLNCTATTPLNTRVQMTWSYPDEKNKNASVRR--IDQSNHANIFYSVLTI 298
Qy      199 DGVTRSOGLYTCASGLMTKNSTFVRVHEK-----DKHTCPCPAPPELLGGP 249
Db      299 DKMNQDKGLYTCRVRSGPSFKSVNTSVHIYKAGPGEKPKSCDKTHTCPCPAPPELLGGP 358
Qy      250 SVFLFPKPKDITLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREEQYNS 309
Db      359 SVFLFPKPKDITLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREEQYNS 418
Qy      310 TYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPSRDEL 369
Db      419 TYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPSRDEL 478
Qy      370 TKQVSLTCLVKGYFIPSDIAVEWESNGQPENNYKTTTPVLDSDGSPFLYSKLTVDKSRWQ 429
Db      479 TKQVSLTCLVKGYFIPSDIAVEWESNGQPENNYKTTTPVLDSDGSPFLYSKLTVDKSRWQ 538
Qy      430 QGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db      539 QGNVFCSCVMHEALHNHYTQKSLSLSPGK 567

RESULT 9
US-09-773-877B-14
; Sequence 14, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 557
; TYPE: PRT
; ORGANISM: Artificial Sequence
```

RESULT 11

Qy 57 RVTSPNI-----TWT-----LKKPPLDITLIDGKRIIWDNRKGFIIISNATYKE 99
 Db 469 RITCNVDGYFPSSVKPIITWMCYKIQNF--NNVIEGNNL-----SFLI--ALISN 518
 Qy 100 IGLLTCEATV--NGHLYKTNVLTHTQT-----NTIIDVVLSPSHGI--ELSVGEKLV 147
 Db 519 NGNYTCVVTYPENG---RTFHLTRTLTVKVVGPSKNAVPPVITHSPNDHVYKEPGEELL 575
 Qy 148 LNCT-----ARTELAVGIDFWWEYSPSSKHQHKL---VNRDLKTOSGSEMKFLSTL 196
 Db 576 IPTCYVFLMDSRNEV-----MWTIDGKKPDDITIDVTINESI--SHSRTEDETRTOIL 628
 Qy 197 TIDGVTSD--OGLYTCASSG-----LMTKKNSTFVRVHEKDKHTHTCPCCPAPELL 246
 Db 629 SIKKVTSEDLKRSYVCHARSAKEVAKAAYKQVAPRYTVESGDKHTHTCPCCPAPELL 688
 Qy 247 GGPSVFLPPPKPKOTLMSRTPVTCVVVDVSHEDPEVKFNWYDGVVEVHNAKTPREEQ 306
 Db 689 GGPSVFLPPPKPKOTLMSRTPVTCVVVDVSHEDPEVKFNWYDGVVEVHNAKTPREEQ 748
 Qy 307 YNSTYRVVSVLTVLHODWLNKGYCKVSNKALPAPIETKISKAKGQPREQVYTLPPSR 366
 Db 749 YNSTYRVVSVLTVLHODWLNKGYCKVSNKALPAPIETKISKAKGQPREQVYTLPPSR 808
 Qy 367 DELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSEFFLYSKLTVDKS 426
 Db 809 EEMTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSEFFLYSKLTVDKS 868
 Qy 427 RWQGNVPSCSVMHEALHNHYTQKSLSLSPGK 458
 Db 869 RWQGNVPSCSVMHEALHNHYTQKSLSLSPGK 900

RESULT 14
 US-10-282-162-40
 ; Sequence 40, Application US/10282162
 ; Patent No. 6927044
 ; GENERAL INFORMATION:
 ; APPLICANT: REGENERON PHARMACEUTICALS, INC.
 ; TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
 ; FILE OF INVENTION: AND USING
 ; FILE REFERENCE: REG 203-B-US
 ; CURRENT APPLICATION NUMBER: US/10/282,162
 ; PRIOR FILING DATE: 2002-10-28
 ; PRIOR APPLICATION NUMBER: 09/787,835
 ; PRIOR FILING DATE: 1999-09-22
 ; PRIOR APPLICATION NUMBER: PCT/US99/22045
 ; NUMBER OF SEQ ID NOS: 56
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 40
 ; LENGTH: 900
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-282-162-40

Query Match 52.6%; Score 1281.5; DB 2; Length 900;
 Best Local Similarity 64.0%; Pred. No. 6.5e-99;
 Matches 259; Conservative 40; Mismatches 77; Indels 29; Gaps 9;

Qy 78 DGKRIIWD-----RKGFIIISNATYKEIGLLTCEA--TVNGHLYK---TNVILTHRQTN 125
 Db 501 DCKPILLDNHIFSGVKDELIWVNAEKGNGYTHASYYLKGQYPTTRVETITLRENK 560
 Qy 126 TIIDVVLSPSH-GIELSVGEKLVNCTARTELAVGIDFNWMEYPSKHKHKLNVNRLKTQ 184
 Db 561 PTRPVIVSPANETMEVDLGSQILCNVGTQSLDIAYKKN--GSVIDEDDDVLGEDYVSV 619
 Qy 185 SGSEMKKFLSTLTIDGVTSDGGLY-----TCAASS--GLMTKKNSTFVRV-----HEKDK 233
 Db 620 ENPANKRRSTLTILVNISEISBRSFYKHPFTCFAKNTHGI-----DAAVIQLIYPTVNSGDK 675

Qy 234 THTCCPPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 293
 Db 676 THTCCPPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 735
 Qy 294 EVHNAKTPREEQNSTYRVVSVLTVLHODWLNKGYCKVSNKALPAPIETKISKAKGQ 353
 Db 736 EVHNAKTPREEQNSTYRVVSVLTVLHODWLNKGYCKVSNKALPAPIETKISKAKGQ 795
 Qy 354 PREQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDG 413
 Db 796 PREQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDG 855
 Qy 414 SFFLYSKLTVDKSRWQQGNVPSCSVMHEALHNHYTQKSLSLSPGK 458
 Db 856 SFFLYSKLTVDKSRWQQGNVPSCSVMHEALHNHYTQKSLSLSPGK 900

RESULT 15
 US-09-499-846-6
 ; Sequence 6, Application US/09499846
 ; Patent No. 6656728
 ; GENERAL INFORMATION:
 ; APPLICANT: Kavanaugh et al.
 ; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
 ; FILE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION
 ; FILE REFERENCE: 035784/195012 [5784-
 ; CURRENT APPLICATION NUMBER: US/09/499,846
 ; CURRENT FILING DATE: 2000-02-07
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 6
 ; LENGTH: 497
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-499-846-6

Query Match 52.5%; Score 1280; DB 2; Length 497;
 Best Local Similarity 54.3%; Pred. No. 3.7e-99;
 Matches 284; Conservative 32; Mismatches 109; Indels 98; Gaps 12;

Qy 5 WDTGVLCALLSCLLLTGSSSGSDTGRPFVEMVSEIPIIHMTEGRELVIPTCRVT-----59
 Db 4 WKCLLFWAVLVLTATLCTARPSPTLPEQP--VAPYWTSP---KMEKCLHAVPAKTVKFKC 59
 Qy 60 ----SPNITVTLKCFPLDITLIDGKRIIWDNR-KGFIISNATYKEI-----GLLTC 105
 Db 60 PSSGTNPMTLRWLK-----NGKEFKPDHRIIGYKRYATWTSIIMDSVVPDKGNVTC 111
 Qy 106 ----EATVNGHLYKTNVLTHTRQTNITIIDVVLSPSHGIELSVGEKLVNCTARTELAVGI 160
 Db 112 IVENEYGSIN-HTYQ-----LDVVERSPHRPILQAG-----LPANKTVALGSNV 154
 Qy 161 DFNWMEYPSKHKHKLGVN-----RDLKTOSGSEMKKFLSTLTIDGVT 203
 Db 155 EFMCKVYSDPQPHIQMLKHIEVNGSKIGPDNLPYVQLKTAGVNTDKEMEVLHNRVSF 214
 Qy 204 SDQGLYTCASSGLMTKKNSTFVRVHEK-----DKTH 235
 Db 215 EDAGEYTCLAGNSIGLSHSAWLTVLLEALBERPAVMTSPLYLESGSGFLGQSPKSCDKTH 274
 Qy 236 TCPCCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 295
 Db 275 TCPCCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 334
 Qy 296 HNATKTPREEQNSTYRVVSVLTVLHODWLNKGYCKVSNKALPAPIETKISKAKGQPR 355
 Db 335 HNATKTPREEQNSTYRVVSVLTVLHODWLNKGYCKVSNKALPAPIETKISKAKGQPR 394
 Qy 356 EPQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDG 415
 Db 395 EPQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDG 454
 Qy 416 FLYSKLTVDKSRWQQGNVPSCSVMHEALHNHYTQKSLSLSPGK 458

Db 455 FLYSKLTVDKSRWQGNVFCSCVMHEALHNNHYTKSLSLSEPK 497

Search completed: January 17, 2006, 07:06:32
Job time : 24 secs